

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 09/063,356

Source: \_\_\_\_\_

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## RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/09/063,356

TIME: 10:29:21

Input Set : N:\Crf3\RULE60\09063356.raw.txt

Output Set: N:\CRF4\02282005\I063356.raw

## SEQUENCE LISTING

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3 (1) GENERAL INFORMATION:
5     (i) APPLICANT: Beattie, Kenneth L.
7     (ii) TITLE OF INVENTION: Microfabricated, Flowthrough Porous
8                               Apparatus for Discrete Detection of Binding Reactions
10    (iii) NUMBER OF SEQUENCES: 17
12    (iv) CORRESPONDENCE ADDRESS:
13         (A) ADDRESSEE: Vinson & Elkins
14         (B) STREET: 1455 Pennsylvania Avenue, N.W.
15         (C) CITY: Washington
16         (D) STATE: D.C.
17         (E) COUNTRY: U.S.A.
18         (F) ZIP: 20004-1008
20    (v) COMPUTER READABLE FORM:
21         (A) MEDIUM TYPE: Floppy disk
22         (B) COMPUTER: IBM PC compatible
23         (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24         (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
26    (vi) CURRENT APPLICATION DATA:
C--> 27         (A) APPLICATION NUMBER: US/09/063,356
C--> 28         (B) FILING DATE: 21-Apr-1998
29         (C) CLASSIFICATION:
31    (vii) PRIOR APPLICATION DATA:
32         (A) APPLICATION NUMBER: US/08/631,751
33         (B) FILING DATE: 10-April-1996
35    (viii) ATTORNEY/AGENT INFORMATION:
36         (A) NAME: Sanzo, Michael A.
37         (B) REGISTRATION NUMBER: 36,912
38         (C) REFERENCE/DOCKET NUMBER: HARC0001
40    (ix) TELECOMMUNICATION INFORMATION:
41         (A) TELEPHONE: (202)639-6500
42         (B) TELEFAX: (202)639-6604
45 (2) INFORMATION FOR SEQ ID NO: 1:
47     (i) SEQUENCE CHARACTERISTICS:
48         (A) LENGTH: 130 base pairs
49         (B) TYPE: nucleic acid
50         (C) STRANDEDNESS: double
51         (D) TOPOLOGY: linear
53     (ii) MOLECULE TYPE: cDNA
59     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
61 GCAAGCTTGC TGGTGAAAAG GACCTCTCGA AGTGTGGAT ATAGGCCAGA CTTTGTGGA      60
63 TTTGAAATTC CAGACAAGTT TGTTGTTGGA TATGCCCTTG ACTATAATGA GTACTTCAGG      120
65 GATTGAATC                                     130

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67 (2) INFORMATION FOR SEQ ID NO: 2:
69     (i) SEQUENCE CHARACTERISTICS:
70         (A) LENGTH: 57 base pairs
71         (B) TYPE: nucleic acid
72         (C) STRANDEDNESS: double
73         (D) TOPOLOGY: linear
75     (ii) MOLECULE TYPE: DNA (genomic)
77     (vi) ORIGINAL SOURCE:
78         (A) ORGANISM: hamster, human and mouse
80     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
82 AACAGCTTGC TGGTGAAAAG GACCYCTMGA AGTGTGGAT AYARGCCAGA CTGTAAG      57
85 (2) INFORMATION FOR SEQ ID NO: 3:
87     (i) SEQUENCE CHARACTERISTICS:
88         (A) LENGTH: 47 base pairs
89         (B) TYPE: nucleic acid
90         (C) STRANDEDNESS: double
91         (D) TOPOLOGY: linear
93     (ii) MOLECULE TYPE: DNA (genomic)
95     (vi) ORIGINAL SOURCE:
96         (A) ORGANISM: CHO cells
98     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
100 AACAGCTTGC TGGTGAAAAG GACCTCTCAT ATAGGCCAGA CTGTAAG      47
103 (2) INFORMATION FOR SEQ ID NO: 4:
105     (i) SEQUENCE CHARACTERISTICS:
106         (A) LENGTH: 87 base pairs
107         (B) TYPE: nucleic acid
108         (C) STRANDEDNESS: double
109         (D) TOPOLOGY: linear
111     (ii) MOLECULE TYPE: DNA (genomic)
113     (vi) ORIGINAL SOURCE:
114         (A) ORGANISM: hamster, human and mouse
116     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
118 TACAGTTGTT GGATTGAAA TTCCAGACAA GTTTGTTGTW GGATATGCCC TTGACTATAA      60
120 TGARTACTTC AGGRATTGA ATGTAAT      87
123 (2) INFORMATION FOR SEQ ID NO: 5:
125     (i) SEQUENCE CHARACTERISTICS:
126         (A) LENGTH: 87 base pairs
127         (B) TYPE: nucleic acid
128         (C) STRANDEDNESS: double
129         (D) TOPOLOGY: linear
131     (ii) MOLECULE TYPE: DNA (genomic)
133     (vi) ORIGINAL SOURCE:
134         (A) ORGANISM: CHO cells
138     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
140 TACAGTTGTT GGATTGGAA TTCCAGCAAG TTTGTTGTTG GATATGCCCT TGACTATAAA      60
142 TGAGTACTTC AGGCATTTGA ATGTAAT      87
145 (2) INFORMATION FOR SEQ ID NO: 6:
147     (i) SEQUENCE CHARACTERISTICS:
148         (A) LENGTH: 24 base pairs

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149          (B) TYPE: nucleic acid
150          (C) STRANDEDNESS: both
151          (D) TOPOLOGY: linear
153      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
155 GTTCTATTGT CTTTCCATA TGTC                                     24
158 (2) INFORMATION FOR SEQ ID NO: 7:
160      (i) SEQUENCE CHARACTERISTICS:
161          (A) LENGTH: 25 base pairs
162          (B) TYPE: nucleic acid
163          (C) STRANDEDNESS: both
164          (D) TOPOLOGY: linear
167      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
169 TCAGTCTGGT CAAATGACGA GGTGC                                     25
172 (2) INFORMATION FOR SEQ ID NO: 8:
174      (i) SEQUENCE CHARACTERISTICS:
175          (A) LENGTH: 24 base pairs
176          (B) TYPE: nucleic acid
177          (C) STRANDEDNESS: both
178          (D) TOPOLOGY: linear
180      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
182 CTGTGATTCT TTACAGTTGT TGGA                                     24
184 (2) INFORMATION FOR SEQ ID NO: 9:
186      (i) SEQUENCE CHARACTERISTICS:
187          (A) LENGTH: 26 base pairs
188          (B) TYPE: nucleic acid
189          (C) STRANDEDNESS: both
190          (D) TOPOLOGY: linear
192      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
194 CATTAAATTAC ATTCAAATCC CTGAAG                                     26
197 (2) INFORMATION FOR SEQ ID NO: 10:
199      (i) SEQUENCE CHARACTERISTICS:
200          (A) LENGTH: 11 base pairs
201          (B) TYPE: nucleic acid
202          (C) STRANDEDNESS: both
203          (D) TOPOLOGY: linear
205      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
207 ACTCATTTAT A                                                    11
210 (2) INFORMATION FOR SEQ ID NO: 11:
212      (i) SEQUENCE CHARACTERISTICS:
213          (A) LENGTH: 10 base pairs
214          (B) TYPE: nucleic acid
215          (C) STRANDEDNESS: both
216          (D) TOPOLOGY: linear
218      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
220 TATATGAGAG                                                       10
223 (2) INFORMATION FOR SEQ ID NO: 12:
225      (i) SEQUENCE CHARACTERISTICS:
226          (A) LENGTH: 10 base pairs
227          (B) TYPE: nucleic acid

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228      (C) STRANDEDNESS: both
229      (D) TOPOLOGY: linear
231      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
233 ATTCCAAATC 10
236 (2) INFORMATION FOR SEQ ID NO: 13:
238      (i) SEQUENCE CHARACTERISTICS:
239          (A) LENGTH: 10 base pairs
240          (B) TYPE: nucleic acid
242          (C) STRANDEDNESS: both
243          (D) TOPOLOGY: linear
245      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
247 TCCAACAAC 10
250 (2) INFORMATION FOR SEQ ID NO: 14:
252      (i) SEQUENCE CHARACTERISTICS:
253          (A) LENGTH: 10 base pairs
254          (B) TYPE: nucleic acid
255          (C) STRANDEDNESS: both
256          (D) TOPOLOGY: linear
258      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
260 ATTTCAAATC 10
263 (2) INFORMATION FOR SEQ ID NO: 15:
265      (i) SEQUENCE CHARACTERISTICS:
266          (A) LENGTH: 10 base pairs
267          (B) TYPE: nucleic acid
268          (C) STRANDEDNESS: both
269          (D) TOPOLOGY: linear
271      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
273 ACAAACTTGT 10
276 (2) INFORMATION FOR SEQ ID NO: 16:
278      (i) SEQUENCE CHARACTERISTICS:
279          (A) LENGTH: 10 base pairs
280          (B) TYPE: nucleic acid
281          (C) STRANDEDNESS: both
282          (D) TOPOLOGY: linear
284      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
286 ACTCATTATA 10
291 (2) INFORMATION FOR SEQ ID NO: 17:
293      (i) SEQUENCE CHARACTERISTICS:
294          (A) LENGTH: 11 base pairs
295          (B) TYPE: nucleic acid
296          (C) STRANDEDNESS: both
297          (D) TOPOLOGY: linear
299      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
301 AATTACATTC A 11

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**VERIFICATION SUMMARY**

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L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]